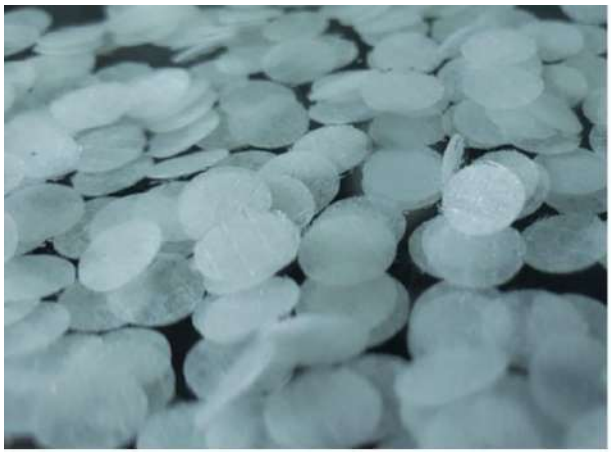
Flake Microcarrier



The flake carrier is a highly hydrophilic flake carrier, which uses vacuum plasma surface treatment technology and chemical grafting modification technology to enrich the flake carrier with more hydrophilic groups such as amino, hydroxyl or carboxyl groups, so that the cell adhesion performance of the carrier is stronger, which is not only suitable for subculture of Vero cells, HEK293 cells, CHO cells, BHK21 cells, ST cells, SF9/21 cells, etc., but also for CEF cells, PAM cells and CAR-T cells. Culture of primary cells.

Features

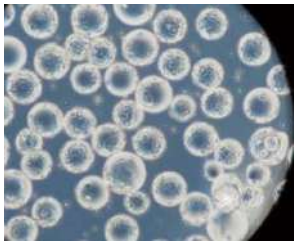
- Double surface hydrophilic modification technology, treatment strong cell adhesion performance.
- Efficiently and simply isolate cultures and cells, harvest products, and perform perfusion or continuous fed-batch culture.
- Autoclavable.
- Can be used in packed bed bioreactors, single-use bioreactors, culture vessels, shake flasks to provide sufficient surface area for cell growth. - High area/volume ratio, high cell density.
- Multiple tension structures ensure that nutrients in the medium are in full contact with cells, which is conducive to cell growth.

Ordering information

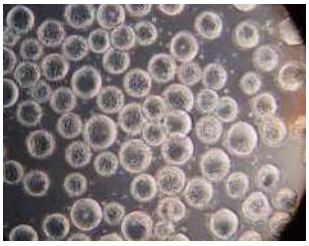
Product Code	Description	Package	Bottle/case
CELCUFG090050S	Flake Microcarrier	50 g/bottle	40
CELCUFG090250S	Flake Microcarrier	250 g/bottle	20
CELCUFG090500S	Flake Microcarrier	500 g/bottle	10
CELCUFG090001S	Flake Microcarrier	1 kg/bottle	4

Spherical Microcarrier

The spherical carrier is a spherical microcarrier formed by bonding diethylaminochloroethane on agarose microspheres, which makes cells easy to attach. It is also the most widely used microcarrier for adherent cell suspension culture. , mainly used for the research and development and production of biological products. It is suitable for subculture of Vero cells, HEK293 cells, Mrc-S cells, CHO cells, BHK21 cells, MDCK cells, ST cells, Marc14S cells, SF9/21 cells, etc. It is also suitable for CEF cells, PAM cells, myeloma cells and culture of primary cells such as CAR-T cells.

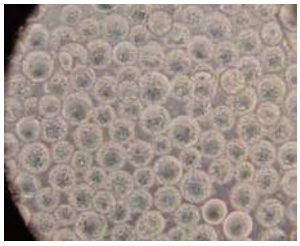


Cells were cultured for 24 h (100x)



Cells were cultured for 48 h (100x)

Cells were cultured for 72 h (100x)



Cells were cultured for 96 h (100x)

Features

- Efficient and simple isolation of cultures and cells, harvesting of products, perfusion or continuous feeding.
- It can be cultured in large-scale stirred bioreactors, single use bioreactors and shake flasks to provide sufficient surface area for cell growth.
- High area/volume ratio, high cell density.
- It is easy to enlarge the cells. The cells can be digested from the carrier and then inoculated into the new carrier, or the new carrier can be directly added to realize the "ball-to-ball" method to expand the culture.

Ordering information

Product Code	Description	Package	Bottle/case
CELCUFG100050S	Spherical Microcarrier	50 g/bottle	40
CELCUFG100250S	Spherical Microcarrier	250g/bottle	20
CELCUFG100500S	Spherical Microcarrier	500g/bottle	10
CELCUFG100001S	Spherical Microcarrier	1 kg/bottle	4